Project Title	Funding	Strategic Plan Objective	Institution
Visual processing and later cognitive effects in infants with fragile X syndrome	$237,070	Q1.Other	University of California, Davis
Visual attention and fine motor coordination in infants at risk for autism	$73,315	Q1.L.A	University of Connecticut
Validation of a screening questionnaire for ASD in older children	$50,000	Q1.S.A	Southwest Autism Research & Resource Center (SARRC)
Validation of a Korean version of the QABF with children with ASD	$10,320	Q1.S.B	Center for Autism and Related Disorders (CARD)
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	$149,962	Q1.S.B	University of North Carolina
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	$10,000	Q1.L.B	New England Center for Children, Inc.
University of Georgia – Carolina Autism Resource and Evaluation Center (UGA-CARES): A collaborative autism screening project utilizing web-based technology	$0	Q1.S.B	University of Georgia
Translational developmental neuroscience of autism	$164,718	Q1.L.B	New York University School of Medicine
The ontogeny of social visual engagement in infants at risk for autism	$479,226	Q1.L.A	Emory University
The intersection of autism and ADHD	$161,293	Q1.L.B	Washington University in St. Louis
The functions of stereotypy in children with ASD	$11,095	Q1.L.C	Center for Autism and Related Disorders (CARD)
The emergence of emotion regulation in children at-risk for autism spectrum disor	$8,719	Q1.L.A	University of Miami
The development of selective attention in infancy as measured by eye movements	$53,376	Q1.Other	York University
The development of joint attention after infancy	$291,832	Q1.L.C	Georgia State University
Test of integrated language and literacy skills validation research	$492,135	Q1.Other	Western Michigan University
Temporal coordination of social communicative behaviors in infant siblings of children with autism	$0	Q1.L.A	University of Pittsburgh
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	$272,245	Q1.L.A	University of California, San Diego
Social evaluation in infants and toddlers	$409,613	Q1.L.B	Yale University
Social-emotional development of infants at risk for autism spectrum	$598,969	Q1.L.B	University of Washington
Social and statistical mechanisms of prelinguistic vocal development	$0	Q1.Other	Cornell University
Social-affective bases of word learning in fragile X syndrome and autism	$544,482	Q1.Other	University of Wisconsin - Madison

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Signatures of gene expression in autism spectrum disorders	$0	Q1.L.A	Boston Children's Hospital
Serum antibody biomarkers for ASD	$570,780	Q1.L.A	University of Texas Southwestern Medical Center
Sensory integration and language processing in autism	$149,435	Q1.L.C	University of Rochester
Sensory experiences in children with autism	$492,743	Q1.Other	University of North Carolina at Chapel Hill
Sensory based CNS diagnostics for the clinic	$218,946	Q1.S.B	University of North Carolina at Chapel Hill
Sensor-based technology in the study of motor skills in infants at risk for ASD	$242,606	Q1.L.A	University of Pittsburgh
RNA expression studies in autism spectrum disorders	$500,000	Q1.L.A	Boston Children's Hospital
Restricted repetitive behavior in autism	$377,158	Q1.L.B	University of North Carolina at Chapel Hill
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
Quantitative analysis of craniofacial dysmorphology in autism	$69,173	Q1.S.A	University of Massachusetts Medical School
Psychometric evaluation of the QABF in children with ASD	$11,069	Q1.Other	Center for Autism and Related Disorders (CARD)
Prosodic and pragmatic processes in highly verbal children with autism	$112,500	Q1.L.C	President & Fellows of Harvard College
Predicting useful speech in children with autism (supplement)	$195,164	Q1.L.B	Vanderbilt University
Predicting useful speech in children with autism	$607,697	Q1.L.B	Vanderbilt University
Predicting autism through behavioral and biomarkers of attention in infants	$35,518	Q1.L.A	University of South Carolina
Placental vascular tree as biomarker of autism/ASD risk	$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$219,581	Q1.L.A	Yale University
Physical and clinical infrastructure for research on infants at risk for autism	$0	Q1.L.A	Emory University
Perception of social and physical contingencies in infants with ASD	$319,523	Q1.L.B	Emory University
Online communication assessment to improve outcomes for individuals with severe disabilities	$0	Q1.Other	Oregon Health & Science University
Novel methods for testing language comprehension in children with ASD	$127,500	Q1.S.B	Boston University
NIH Workshop: Ethical, Legal and Social Implications of Autism Research	$71,489	Q1.S.F	N/A
Neurophysiological investigation of language acquisition in infants at risk for ASD	$28,000	Q1.L.A	Boston University
Neuroimaging & symptom domains in autism	$10,135	Q1.L.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Neurobehavioral research on infants at risk for SLI and autism (supplement)	$345,307	Q1.L.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism	$671,693	Q1.L.A	Boston University
Neural predictors of language acquisition after intensive behavioral intervention	$181,207	Q1.L.B	University of California, Los Angeles
Neural mechanisms underlying obsessive compulsiveness in ASD	$31,987	Q1.L.B	University of Michigan
Neural economics of biological substrates of valuation	$379,913	Q1.L.C	Baylor College of Medicine
Neural correlates of social perception in autism	$15,000	Q1.L.C	Yale Child Study Center
Mutliple social tasks and social adjustment	$143,550	Q1.L.B	California State University, Northridge
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Multimedia tool for psychology graduate student ASD assessment training	$449,703	Q1.S.A	Virtual Reality Aids, Inc.
Misregulation of BDNF in autism spectrum disorders	$0	Q1.L.A	Weill Cornell Medical College
Magnetic source imaging and sensory behavioral characterization in autism	$176,229	Q1.L.B	University of California, San Francisco
Leadership Education in Neurodevelopmental Disabilities	$2,500	Q1.S.B	University of Alabama at Birmingham
Language learning in autism	$31,500	Q1.L.C	Georgetown University
Language development and outcome in children with autism (supplement)	$88,096	Q1.L.C	University of Connecticut
Language development and outcome in children with autism	$311,574	Q1.L.C	University of Connecticut
Intersensory perception of social events: Typical and atypical development	$134,355	Q1.L.C	Florida International University
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of Miami
Innovative assessment methods for autism: A proof of principle investigation of “nonverbal” autism	$0	Q1.L.C	McMaster University
Infants at risk of autism: A longitudinal study	$582,633	Q1.L.A	University of California, Davis
Improving accuracy and accessibility of early autism screening	$518,904	Q1.S.A	Total Child Health, Inc.
Imitation in autism	$0	Q1.L.B	King's College London
Identifying neurobiological markers of the broader autism phenotype	$106,245	Q1.L.B	University of Melbourne

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Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	$0	Q1.L.A	Harvard Medical School
Identification of lipid biomarkers for autism	$0	Q1.L.A	Massachusetts General Hospital
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	$0	Q1.L.B	Oregon Health & Science University
Growth charts of altered social engagement in infants with autism	$0	Q1.L.A	Emory University
Gene dosage imbalance in neurodevelopmental disorders	$690,019	Q1.S.E	Weis Center For Research - Geisinger Clinc
Functional brain networks in autism and attention deficit hyperactivity disorder	$149,841	Q1.L.B	Oregon Health & Science University
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	$0	Q1.L.B	University of Texas Southwestern Medical Center
Family/genetic study of autism	$50,000	Q1.L.A	Southwest Autism Research & Resource Center (SARRC)
Extraction of functional subnetworks in autism using multimodal MRI	$353,349	Q1.L.B	Yale University
Epigenetic biomarkers of autism in human placenta	$576,142	Q1.L.A	University of California, Davis
Electrophysiological signatures of language impairment in autism spectrum disorder	$344,521	Q1.L.B	University of Pennsylvania/Children's Hospital of Philadelphia
Electrophysiological correlates of cognitive control in autism	$129,098	Q1.L.B	University of California, Davis
Electrophysiological, metabolic and behavioral markers of infants at risk	$395,734	Q1.L.A	Boston Children's Hospital
Early social and emotional development in toddlers at genetic risk for autism	$369,348	Q1.L.A	University of Pittsburgh
Early identification of autism: A prospective study	$481,734	Q1.L.A	University of Pittsburgh
Early detection of pervasive developmental disorders	$1,025,577	Q1.S.A	University of Connecticut
Dynamics of cortical interactions in autism spectrum disorders	$60,000	Q1.L.A	Cornell University
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	$14,510	Q1.Other	Columbia University
Dissemination of multi-stage screening to underserved culturally-diverse families	$28,000	Q1.S.C	University of Massachusetts Boston
Development of neural pathways in infants at risk for autism spectrum disorders	$312,028	Q1.L.A	University of California, San Diego
Development of intermodal perception of social events: Infancy to childhood	$306,550	Q1.L.C	Florida International University
Development of face processing in infants with autism spectrum disorders	$409,613	Q1.L.B	Yale University

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Developmental social neuroscience in infants at-risk for autism	$182,092	Q1.L.C	Yale University
Developmental characteristics of MRI diffusion tensor pathway changes in autism	$188,027	Q1.L.A	Washington University in St. Louis
Cultural equivalence of autism assessment for Latino children	$74,250	Q1.S.B	University of Wisconsin - Madison
Connectivity in social brain systems in autism	$197,366	Q1.Other	Yale University
Computer Assisted Autism Care (CAAC)	$491,768	Q1.S.B	Indiana University-Purdue University Indianapolis
Components of limited activity monitoring in toddlers with ASD	$82,750	Q1.L.B	Yale University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$24,000	Q1.L.B	Georgia Tech Research Corporation
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$16,000	Q1.L.B	Carnegie Mellon University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Illinois at Urbana Champaign
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Southern California
Clinical and behavioral phenotyping of autism and related disorders	$2,117,811	Q1.L.B	National Institutes of Health
Characterizing ASD phenotypes by multimedia signal and natural language processing	$339,498	Q1.L.C	Columbia University
Cellular structure of the amygdala in autism	$51,326	Q1.L.B	University of California, Davis
CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling	$0	Q1.L.B	Yale University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	$0	Q1.Other	Cornell University
Brain-behavior growth charts of altered social engagement in ASD infants	$208,333	Q1.L.A	Yale University
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
Biomarkers and diagnostics for ASD	$149,600	Q1.S.A	Institute of Biotechnology

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Baby Siblings Research Consortium	$45,000	Q1.S.B	Autism Speaks (AS)
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	$0	Q1.L.B	Kennedy Krieger Institute
Autism severity and muscle strength: A correlation analysis	$4,920	Q1.Other	University of Texas Southwestern Medical Center
Autism dysmorphology measure validity study	$0	Q1.S.A	University of Missouri
Autism: Social and communication predictors in siblings	$738,922	Q1.L.B	Kennedy Krieger Institute
Atypical pupillary light reflex in individuals with autism	$0	Q1.Other	University of Missouri
Attention to social and nonsocial events in children with autism	$0	Q1.S.B	Florida International University
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	$124,998	Q1.S.A	Kennedy Krieger Institute
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$302,820	Q1.L.A	University of California, San Diego
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A novel quantitative framework to study lack of social interactions in autism	$0	Q1.L.B	Rutgers, The State University of New Jersey - New Brunswick
Analyses of brain structure and connectivity in young children with autism	$249,000	Q1.L.B	University of California, Davis
ACE Network: A longitudinal MRI study of infants at risk for autism	$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
ACE Center: The development of the siblings of children with autism: A longitudinal study	$309,408	Q1.L.B	University of California, Los Angeles
ACE Center: MRI studies of early brain development in autism	$349,341	Q1.L.A	University of California, San Diego
ACE Center: Linguistic and social responses to speech in infants at risk for autism	$301,655	Q1.L.A	University of Washington
ACE Center: Integrated Biostatistical and Bionformatic Analysis Core (IBBAC)	$205,018	Q1.L.A	University of California, San Diego
ACE Center: Gaze perception abnormalities in infants with ASD	$293,130	Q1.L.A	Yale University
ACE Center: Eye-tracking studies of social engagement	$293,269	Q1.L.B	Yale University
ACE Center: Early detection and intervention in infants at risk for autism	$614,004	Q1.L.B	University of Washington
ACE Center: Clinical Phenotype: Recruitment and Assesment Core	$310,430	Q1.L.A	University of California, San Diego
ACE Center: Auditory mechanisms of social engagement	$263,206	Q1.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Assessment Core	$541,624	Q1.L.A	Yale University
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	$0	Q1.L.A	University of Florida